

HL 807/808/809/812 **HELI Multi-function Skid Steer Loader**

Road maintenance/Garden equipment/Pasture equipment/Snow removal in winter
/Dock clearance and shipyard push gravel

Reliability

- Imported dual pumps, motors, and chains ensure high reliability of core components.
- Adopting parallel radiators, the rear layout has good heat dissipation effect, reliable hydraulic system, and long service life.
- Adopting an integral frame for better strength.
- High safety standard roll over prevention(ROPS) and falling object prevention(FOPS) cab.

Performance

- Adopting a dual pump and engine direct connection method to ensure advanced and efficient transmission output.
- Smaller overall width and height, suitable for working in narrow spaces.

Comfortable

- Adopting hand foot linkage throttle, the hand throttle is a fixed throttle used in constant high-power output situations such as crushing hammers and milling machines. The foot throttle is used in shovel loading situations for smooth driving.
- Adopting a simple and fast quick replacement device, it is convenient to replace various attachments.
- The control methods of the work system and walking system are accord with world operating habits.

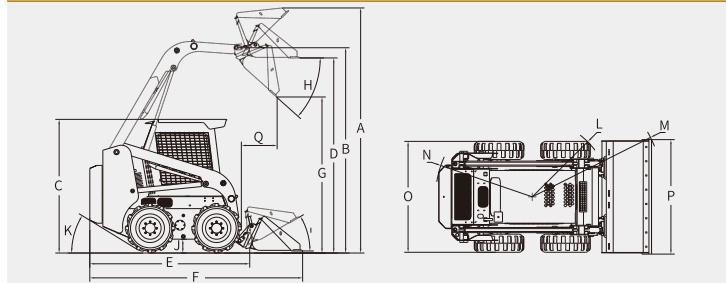
Maintenance

- The chain box is arranged on both sides, making it convenient to adjust the chain and easy to maintenance.
- The cab can be flipped up or forward, saving time and effort in maintenance.



Technical Specification			HL807	HL808	HL809	HL812
1	Engine Model		Quanchai QC490GP	Quanchai QC498G	Quanchai QC498G	Quanchai 4C6-88C33
2	Emission		China Stage II	China Stage II	China Stage II	China Stage III
3	ated Power	KW	39	45	45	65
4	Rotating Speed	rpm	2650	2650	2650	2200
5	MaxSpeed	km/h	12	11.2	11.2	11.2/22.4
6	Tubeless Tire		10-16.5	10-16.5	12-16.5	12-16.5
7	Operating Load	kg	730	830	930	1200
8	Max.Loading	kg	1460	1660	1860	2400
9	Lifting Type		Radial	Radial	Radial	Radial
10	Total Cycling Time	s	10.2	10.2	10.2	9
11	Bucket Capacity	m ³	0.47	0.47	0.51	0.53
12	Pressure OfWorking System	bar	180	180	180	235
13	Rated Flux	L/min	80	80	80	74
14	High Flow Flux	L/min	/	/	/	136
15	FuelTank Capacity	L	79	79	79	106
16	Self-weight With Bucket	kg	2850	2980	3230	3970
Dimensions			HL807	HL808	HL809	HL812
A	Overall Operating Height (mm)	mm	3897	3897	3857	4143
B	Height To Bucket Hinge Pin (mm)	mm	2982	2982	2982	3205
C	Height To Top Of Cab (mm)	mm	2090	2090	2090	2065
D	Height To Bottom Of Level Bucket (mm)	mm	2855	2855	2855	3010
E	Overall Length Without Bucket (mm)	mm	2536	2536	2536	2857
F	Overall Length With Bucket (mm)	mm	3352	3352	3302	3649
G	Dumping Height (mm)	mm	2266	2266	2298	2460
H	Maximum height unloading angle	mm	43	43	43	40
I	Rollback Of Bucket On Ground (°)	°	25	25	25	30
J	Ground Clearance (mm)	mm	210	210	200	195
K	Angle Of Departure (°)	mm	30	30	32	26
L	Front Turning Radius without Bucket (mm)	°	1252	1252	1290	1338
M	Front Turning Radius (mm)	mm	2052	2052	2036	2174
N	Rear Turning Radius (mm)	mm	1516	1516	1516	1746
O	Width (mm)	mm	1730	1730	1818	1798
P	Bucket Width (mm)	mm	1800	1800	1880	1910
Q	Dumping Reach (mm)	mm	662	662	601	590

Operation Type



Operation Type

HL807、HL808、HL809' s left handle controls the left tire and the working arm, and the right handle controls the right tire and the bucket, pedal controls the attachment function.1200's left handle controls the walk of the machie, and the right handle controls the working arm and the bucket, and the switch controls the attachment function.HL812 model has a large flow rate and is suitable for work scenarios such as planing and milling.

HL807/HL808/HL809 Optional Configuration

Optional Engine	Xinchai, Quanchai, Dachai-Deutz, Japan Isuzu, Yanmar, Mitsubishi
Optional Air Filter	Standard Air Filter, China 3-stage Air Filter, Donaldson 3-stage Air Filter
Optional Air-conditioner	Cool Air-conditioner, Heater, Cooland Heat Air-conditioner
Optional Tire	Ground-grip Tubeless Tire 10-16.5, Small Pattern Pneumatic Tire 10-16.5, Toyo Solid Tire 31×10-16, Forklift 250-15 Solid Tire, With Steel Track
Optional Motor	France Poclain MSE02, Germany Rexroth MCR3
Optional Fuel System	Antifreezing Fuel System for Cold Region

HL812 Optional Configuration

Optional Engine	QUANCHAI 4C6-88C33(65KW 2200r/min), Japan Yanmar 4TNV98T-ZNLYS(57.3KW 2400r/min), Japan Mitsubishi S4S-G2DT61(62KW 2500r/min)
Optional Air Filter	Donaldson 3-stage Air Filter
Optional Air-conditioner	Cool Air-conditioner, Heater, Cooland Heat Air-conditioner
Optional Tire	Ground-grip Tubeless Tire 12-16.5, Small Pattern Pneumatic Tire 12-16.5, Toyo Solid Tire 33×12-20, With Steel Track
Optional Motor	Danfoss Hydraulic Pump, Rexroth Motor Assembly System, Rexroth System
Optional Fuel System	Antifreezing Fuel System for Cold Region

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